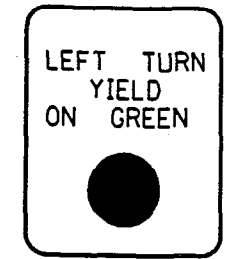
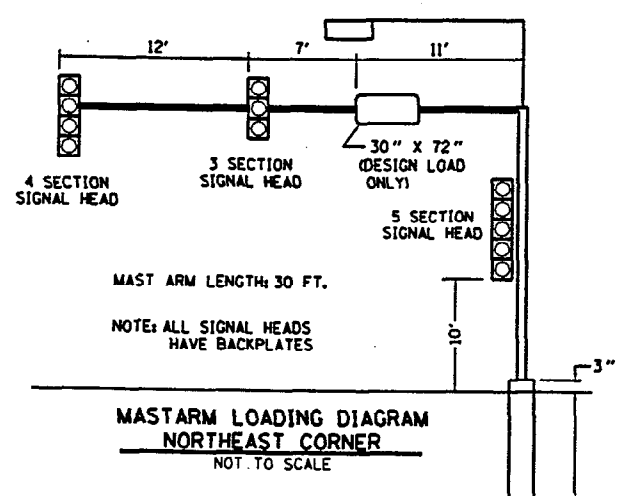
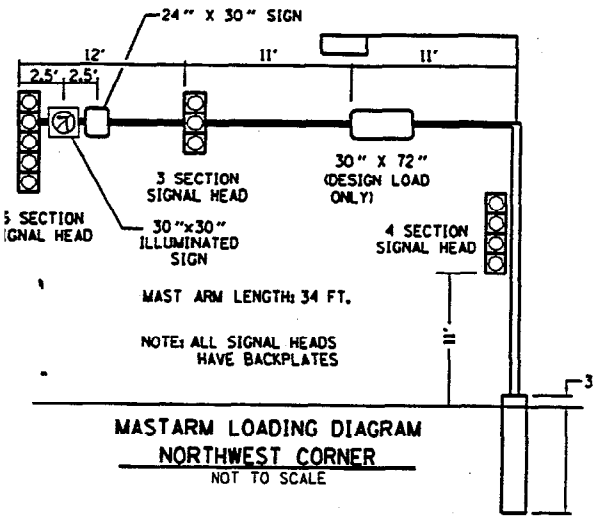


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET
49	(3)MITS	IROQUOIS	--
STA.		TO STA.	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PRO.	

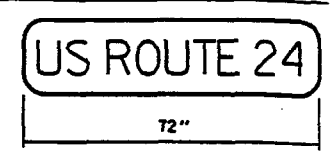


R10-12
24" x 30"

TYPE A SHEETING REQUIRED
2 SIGNS REQUIRED = 5 SQ. FT. EACH
= 10 SQ. FT. TOTAL
THIS SIGN SHALL BE LOCATED 6 TO 12 INCHES TO THE RIGHT OF EACH 5 SECTION MAST ARM MOUNTED LEFT TURN SIGNAL.



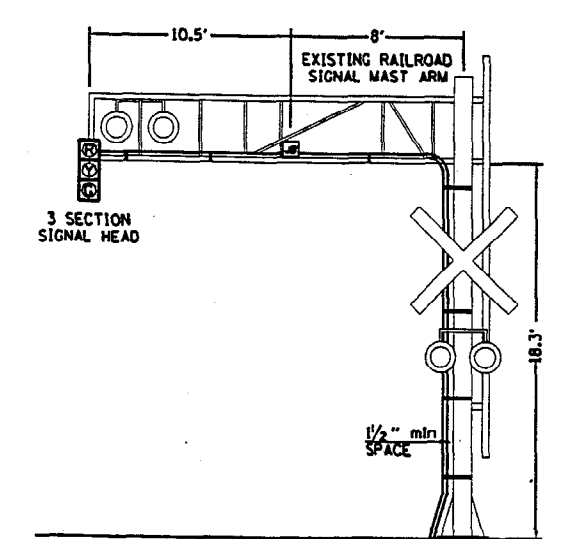
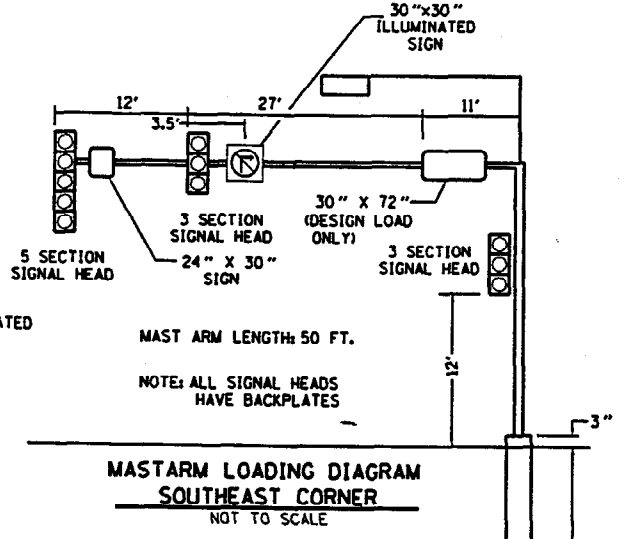
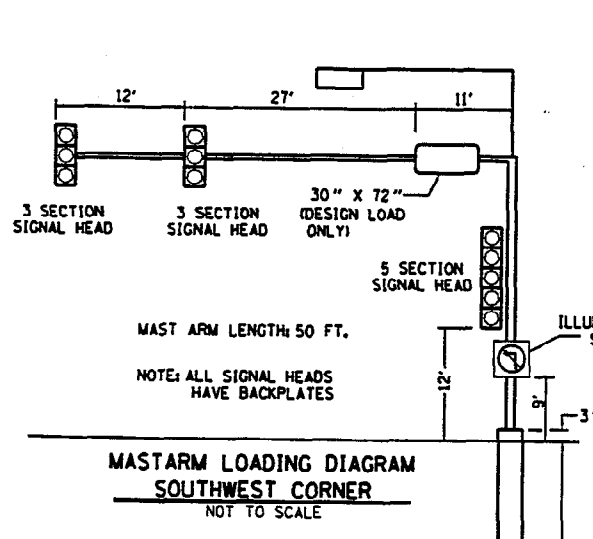
TYPE A SHEETING REQUIRED
8" D SERIES LETTERS
2 SIGNS REQUIRED = 9 SQ. FT. EACH
= 18 SQ. FT. TOTAL
THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH ILLINOIS RTE. 1 (SOUTH) AND COUNTY HIGHWAY 31 (NORTH)



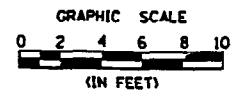
TYPE A SHEETING REQUIRED
8" D SERIES LETTERS
2 SIGNS REQUIRED = 9 SQ. FT. EACH
= 18 SQ. FT. TOTAL
THIS STREET NAME SIGN SHALL BE PLACED ON THE MAST ARMS PARALLEL WITH U.S. ROUTE 24

ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURN %
U.S. ROUTE 24	RED	6	10.5	48
	YELLOW	6	25	8
	GREEN	6	18	44
	YELLOW ARROW-LT.	4	7	4
	GREEN ARROW-LT.	4	3.4	8
ILL. ROUTE 1 (SOUTH) & C.H. 31 (NORTH)	RED	6	10.5	68
	YELLOW	6	25	8
	GREEN	6	18	24
	GREEN ARROW-LT.	2	3.4	0.5
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	VEHICLE DETECTORS	11	4	100
	BATTERY SYSTEM	1	50	100
LIGHTING	LUMINAIRE	4	310	47.5

AGENCY RESPONSIBLE FOR ENERGY CHARGES: CITY OF WATSEKA

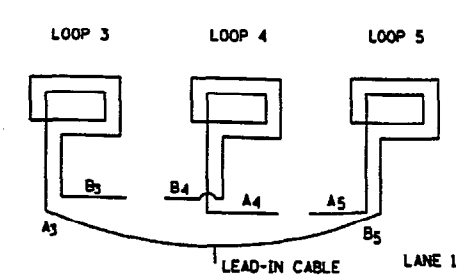
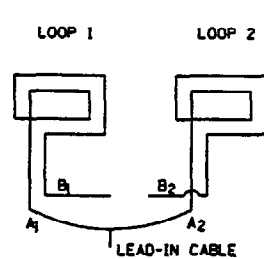
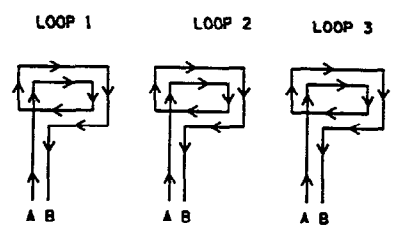


NORTHBOUND PRE-SIGNAL



DETECTOR LOOP WINDING AND SERIES SPLICING DETAIL
(SEE DETECTOR LOOP INDUCTANCE CHART FOR NUMBER OF TURNS)

STEP 1
WIND ALL LOOPS CLOCKWISE. LABEL BEGINNING END OF CABLE A. LABEL ENDING END OF CABLE B. FOLLOW DETECTOR LOOP CABLE MANUFACTURER'S INSTRUCTIONS ON NUMBER OF TURNS FOR LOOP.



DETECTOR LOOP INDUCTANCE CHART					
DETECTOR LOOP SYSTEM	LOCATION	TURNS PER LOOP	INDUCTANCE READING (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	SB	4	834	21,134	ON
B	WB FAR	5	309	34,720	ON
C	WB ST BAR	4	311	34,609	OFF
D	WB LT	4	701	23,052	ON
E	NB BACK	4	563	25,722	ON
F	NB RT FRONT	4	643	24,069	OFF
G	NB RT BACK	4	200	43,157	ON
H	NB FRONT	4	573	25,497	OFF
I	EB FAR	5	264	37,563	ON
J	EB ST BAR	4	272	37,007	OFF
K	EB LT	4	824	21,262	ON

J PIN STATUS: "ON" MEANS STANDARD DETECTOR SETUP. "OFF" MEANS J WIRE HAS BEEN DISCONNECTED, BUT INTACT, AT THE HARNESS PANEL WITH THE NECESSARY SPADE CONNECTION ATTACHED, MARKED, AND INSULATED.

SIGNED	M.V.F.
CHECKED	W.J.B.
APPROVED	W.J.B.
DATE	M.V.F.

STEP 2
CONNECT LEAD B OF LOOP 1 TO LEAD B OF LOOP 2. CONNECT LEAD A OF LOOP 2 TO LEAD A OF LOOP 3.

TRAFFIC SIGNAL DETAILS & SCHEDULE
FAP ROUTE 49 (ILL. RTE. 1)
SECTION (3)MITS
IROQUOIS COUNTY

EXHIBIT # 2
Sheet 2 of 6